

UP Workstation SYS-531R-I

UP mid tower with 4 internal 3.5" SATA drive bays and PCIe 5.0



[More details here](#)

Key Applications

Storage, application and centralized data backup system Applications, IPMI for remote management, Entry-Level Server for SOHO and SMB,

Key Features

- Supports Intel® Intel® Xeon® 6300-series/E-2400 Series Processor;
- PCIe 5.0 Support;
- Dual LAN ports, GbE and dedicated IPMI LAN port;
- 9cm PWM quiet exhaust fan and optional front intake fan;
- 400W 80PLUS Gold Power Supply;



Form Factor

mini-tower
Enclosure: 184 x 362 x 425mm (7.25" x 14.25" x 16.75")
Package: 279 x 508 x 533mm (11" x 20" x 21")

Processor

Single Socket V0 (LGA-1700)
Intel® Xeon® 6300-series/E-2400 Series Processors
Up to 8C/16T

GPU

Up to 1 double-width or 1 single-width GPU

System Memory

Slot Count: 4 DIMM slots
Max Memory (2DPC): Up to 128GB 4400MT/s ECC DDR5 UDIMM

Drive Bays Configuration

Default: Total 4 bays
• 4 internal fixed 3.5" SATA drive bays
M.2: 1 M.2 PCIe 4.0 x4 NVMe slot (M-key 2280/22110)
Peripheral Bays: 2 5.25" bays

Expansion Slots

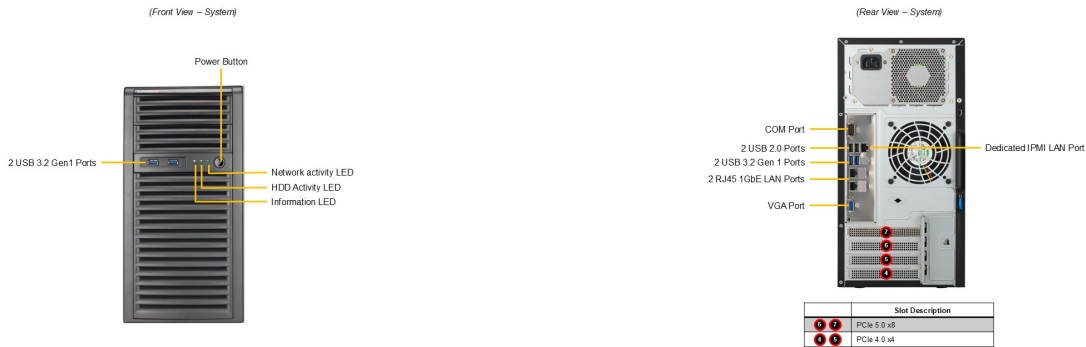
Default
• 2 PCIe 5.0 x8 FHFL slots
• 1 PCIe 4.0 x4 FHFL slot
• 1 PCIe 4.0 x4 FHHL slot

On-Board Devices

SATA: SATA (6Gbps)
Chipset: System on Chip
Network Connectivity: 1 RJ45 1GbE with Realtek RTL8211F PHY (dedicated IPMI)
2 RJ45 1GbE with Intel® I210

Input / Output

USB: 2 USB 3.2 Gen1 Type-A ports(rear)
2 USB 2.0 Type-A ports(rear)
2 USB 3.2 Gen1 Type-A ports(front)
Video: 1 VGA port



System Cooling	Fans: Up to 1x 90mm Fan(s)
Power Supply	1x 400W Gold Level (90%) power supply
System BIOS	BIOS Type: AMI 256MB SPI Flash
Management	SuperCloud Composer®; Supermicro Server Manager (SSM); Supermicro Update Manager (SUM); Supermicro SuperDoctor® 5 (SD5); Super Diagnostics Offline (SDO); Supermicro Thin-Agent Service (TAS); SuperServer Automation Assistant (SAA) New!
PC Health Monitoring	Voltage: +1.0V PCH, +1.8V PCH, +12V, +3.3V, +5V, +5V standby, 1.05 (PCH), 3.3V standby, 5 (4-pin), CPU, CPU temperature, CPU thermal trip support, PCH temperature, System temperature, VBAT, VRM temperature
Dimensions and Weight	Weight: Gross Weight: 20 lbs (9.07 kg) Net Weight: 16 lbs (7.26 kg) Available Color: Black
Operating Environment	Operating Temperature: 10°C to 35°C (50°F to 95°F) Non-operating Temperature: -40°C to 60°C (-40°F to 140°F) Operating Relative Humidity: 8% to 90% (non-condensing) Non-operating Relative Humidity: 5% to 95% (non-condensing)
Motherboard	Super X13SCL-F
Chassis	CSE-731I-404B